Sub B3 2)

ABSTRACT OF THE DISCLOSURE

In a signal processing apparatus which can output a chroma signal of m bits into a chroma signal of n bits by an output apparatus, the chroma signal of m bits is gamma converted into a chroma signal of k bits, the gamma converted chroma signal of k bits is converted into a signal of k bits showing a brightness and a color tone, and the signal converted into the signal of k bits showing the brightness and color tone is converted into a signal of n bits showing a brightness and a color tone. Thus, a signal processing apparatus in which a color crush in a high luminance area of an image can be remarkably reduced and a white skip of the image and a discoloration are remarkably improved is provided.